

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S61	2	("6240433").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/13 15:08
S63	1116069	track\$3 or analy\$5 with (floating adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 15:11
S64	753	(track\$3 or analy\$5) with (floating adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 15:11
S65	16	S64 and 717/124-136.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/13 15:12

Google

HULP OR ULP OR "half unit in last place" "flo

Search

Advanced Search
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Web Results 1 - 10 of about 1,110 for HULP OR ULP OR "half unit in last place" "floating-point arithmetic".

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Floating point - Wikipedia, the free encyclopedia

Where extreme precision is desired, **floating-point arithmetic** can be For numbers with an exponent of 0, an **ULP** is exactly 2-23 or about 10-7 in ...

en.wikipedia.org/wiki/Floating_point - 85k - [Cached](#) - [Similar pages](#)

[PDF] A Machine-Checked Theory of Floating Point Arithmetic

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A Machine-Checked Theory of **Floating Point Arithmetic**. 8. Problems with these definitions. An error of 0.5ulp according to Goldberg, but, intuitively 1ulp. ...

www.cl.cam.ac.uk/~jrh13/slides/hol99-14sep99/slides.pdf - [Similar pages](#)

[PS] Floating-Point Arithmetic

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x' and x" are uncorrelated but differ from x by at most 1 ulp., ... IEEE Standard 754 for **Binary Floating-Point Arithmetic**. Prescribes. Algebraic Operations ...

www.cs.berkeley.edu/~wkahan/ieee754status/cs267fp.ps - [Similar pages](#)

Taylor models and floating-point arithmetic: proof that arithmetic ...

on **floating-point arithmetic**, computes results satisfying the "containment property",

Definition 2 (u: ulp (unit in the last place)). Let 1 ...

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A Machine-Checked Theory of Floating Point Arithmetic

there is widespread confusion about what an ulp is, and a variety of Standard for binary **floating point arithmetic**. ANSI/IEEE Standard 754- ...

www.springerlink.com/index/tlm539eu50qmr9pe.pdf - [Similar pages](#)

GPU Floating-Point Paranoia

The error in the answer, referred to as rounding error is 1/2 ulp (unit in last place). IEEE standard for binary **floating-point arithmetic** [url]. ...

www.cs.unc.edu/~ibr/projects/paranoia/ - 15k - [Cached](#) - [Similar pages](#)

[PDF] Basic Requirements for a Future Floating-Point Arithmetic Standard

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Double precision **floating-point arithmetic** is the basic arithmetical that is less than 1.5 ulp. Even for a long data type elementary functions can be ...

www.math.uni-wuppertal.de/~xsc/gamm-fa/BasicRequ.pdf - [Similar pages](#)

[PDF] What Every Computer Programmer Should Know About Floating-Point ...

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If r is exactly representable, **ulp(r)** is the distance to the. next larger floating-point value

Numerical Computing with IEEE **Floating Point Arithmetic** ...

blogs.sun.com/darcy/resource/Wecpskafpa-ACCU.pdf - [Similar pages](#)

Project-Arénaire: Properties and Proofs on Floating-point Arithmetic

... examples of some floating-point functions (such as **ulp** (x) or Nextafter (x, y)), ... Using the properties of the IEEE-754 **floating-point arithmetic**, ...

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ralyx.inria.fr/2004/Raweb/arenaire/uid55.html - 13k - [Cached](#) - [Similar pages](#)

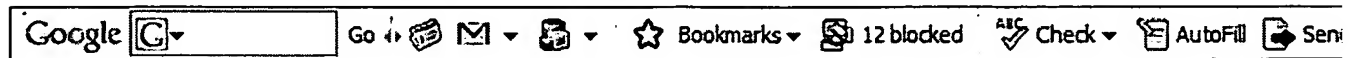
What every computer scientist should know about floating-point ...

to 1/2 ulp can vary by a factor. floating-point. computation. is 3.12×10^2 ... responds to 1/2 ulp, observe that when a. a fixed relative ...

portal.acm.org/ft_gateway.cfm?id=103163&type=pdf&dl=GUIDE&dl=ACM - [Similar pages](#)

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